IAP7 Rec'd PCT/PTO 12 JUL 132 QG 2-2005)
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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 2713-1-044PCT/US

U.S. APPLICATION NO. (I known see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/GB2005/000106 JANUARY 16, 2004 **JANUARY 14, 2005** TITLE OF INVENTION APPARATUS AND METHOD FOR SEARCHING FOR MULTIPLE INEXACT MATCHING OF GENETIC DATA OR INFORMATION APPLICANT(S) FOR DO/EO/US ANTHONY JAMES COX Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. **Z** An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). EXECUTED 10. 🔲 An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. 🔽 An Information Disclosure Statement under 37 CFR 1.97 and 1.98. IDS PTO FORM 1449, STATEMENT & 9 CITED REFS. 12. 🔽 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. 17. C A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4),
DRAWINGS- 7 SHEETS-FIGS. 1-10; COPY INT'L SEARCH REPORT; COPY UK PATENT SEARCH REPT; Other items or information: COPY OF DECLARATION OF INVENTORSHIP

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DATE OF DEPOSIT: JULY 12, 2006

EXPRESS MAIL NO.: EV 748266655 US

## IAP6 Rec'd PCT/PTO 12 JUL 2006

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U.S. APPLICATION NO. (ILLINOUS See 27 CFR 5) INTERNATIONAL APPLICATION NO.					ATTORNEY'S DOCKET NUMBER	
10/70004 C PCT/GB2005/000106					2713-1-044PCT/US	
The following fees have been submitted					CALCULATIONS	PTO USE ONLY
21. A Basic national fee\$300					\$ 300.00	
22.  Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.00	
23.					\$ 400.00	
TOTAL OF 21, 22 and 23 =					\$ 900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets		n additional 50 or fraction up to a whole number)	RATE		
40 - 100 =	/50 =	/50 = × \$250		× \$250	\$ N/A	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$	,
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	•
Total claims		31 - 20 =	11	× \$50	\$ 550.00	
Independent clair	ms	2 -3=	0	× \$200	\$ 0	
MULTIPLE DEPE	NDENT CLAIM(S	) (if applicable)	NO	+ \$360	\$ 0	
TOTAL OF ABOVE CALCULATIONS = \$ 1,450.00						
✓ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						
SUBTOTAL =					\$ 725.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$ N/A	
TOTAL NATIONAL FEE =					\$ 725.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 40.00	
TOTAL FEES ENCLOSED =					\$ 765.00	-
					Amount to be refunded:	\$
					Amount to be charged:	\$
a. A check in the amount of \$ 765.00 to cover the above fees is enclosed.						
b. Please charge my Deposit Account No. 11-1153 in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1153 . A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
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